

The Scientific American Supplement. Index for Vol. 18.

JULY-DECEMBER, 1884

The # Indicates that the Article is Illustrated by Engravings

[illegible]

| | | | | | | | | | |
|--|-------------|--|-------------|--------------------------------------|-------|---|-------|--|-------------|
| Kilns, charcoal..... | *7285 | Moleskin..... | *7497 | Potash, carbonate of..... | *7153 | Soap, toilet, machinery..... | *7200 | Tissues, vegetable, waterproofing..... | *7086 |
| Kinetic theory of matter..... | *7243 | Monitor switch inspection..... | *7079 | Potato yield, startling..... | *7098 | Society for Psychological Research..... | *7206 | Toilet soap machines..... | *7206 |
| Knight water wheel..... | *7248 | Monument, Cay, Uxmal..... | *7318 | Powder, methods of transmitting..... | *7204 | Soda ash furnace, new..... | *7229 | Toiles, Robert B. memoir..... | *7428 |
| Korolevski, Madame..... | *7246 | Monument, Chaco's..... | *7143 | Prehistoric remains..... | *7471 | Soda, manufacture of..... | *7305 | Toning baths, various..... | *7456 |
| Kowalevski, Madame..... | *7251 | Monument, national, Rome..... | *7334 | Press, printing, Marmon's..... | *7178 | Soil, relation to health..... | *7260 | Topography, automatic..... | *7280 |
| L | | | | | | | | | |
| Laboratory apparatus..... | *7286 | Monument, sepulchral..... | *7348 | Press, rolling, screw..... | *7404 | Solar aureoles..... | *7272 | Torpedo boats..... | *7281 |
| Laboratory, testing, English..... | *7287 | Mordants, aluminum..... | *7197 | Press, tile..... | *7404 | Solar corona..... | *7429 | Torpedo, electricity of..... | *7281 |
| Ladies' orchestra..... | *7287 | Mortars and cements..... | *7232 | Pressure of air, experiment..... | *7232 | Solidification of solvents..... | *7198 | Torpedo, the..... | *7281 |
| Ladle carriage, new..... | *7455 | Motor, hydraulic, parachute..... | *7285 | Pressure, relation to health..... | *7232 | Solubility of chemicals..... | *7471 | Torpedo vessel, new..... | *7213 |
| Lakes of the Great Basin, extinct..... | *7187 | Motor, hydraulic, Yagu's..... | *7286 | Pressure, union by..... | *7285 | Solvents, solidification of..... | *7188 | Torpedoes, electric..... | *7451 |
| Lamp, carriage, electric..... | *7287 | Motors, electro..... | *7287 | Prostitution..... | *7231 | Sound waves, photographing..... | *7180 | Touch, sense of..... | *7158 |
| Lamp chimney, Bayle's..... | *7287 | Mound, Indian, opening of..... | *7471 | Prickly heat..... | *7231 | Specific heat, laws of..... | *7205 | Towage, wire rope..... | *7214 |
| Lamp, electric, domestic..... | *7274 | Muskat..... | *7280 | Printing blocks, photo..... | *7160 | Spectra of metals..... | *7400 | Town Hall, Mentz..... | *7211 |
| Lamp, safety, Wolf..... | *7287 | N | | Printing press, Marmon's..... | *7130 | Speech from light..... | *7271 | Toy, an ancient..... | *7202 |
| Lamps, electric, in fogs..... | *7280 | Naval architecture..... | *7287 | Prosthetic articulation..... | *7175 | Speed indicator, new..... | *7150 | Traction engine, light..... | *7230 |
| Lamps, electric, Trouve's..... | *7471 | Natural science in schools..... | *7473 | Psychical Research Society..... | *7208 | Sphinx, great..... | *7435 | Tramways, electricity on..... | *7245 |
| Lamp, gas, Schuko's..... | *7241 | Navigation, aerial..... | *7285 | Public officers, London..... | *7278 | Spinal cord, stretching..... | *7274 | Transmitter, teleph., Dembinski..... | *7119 |
| Lantern slides, preparation..... | *7084 | Navigation of the Nile..... | *7437 | Pulvermacher, J. L..... | *7171 | Sponge..... | *7253 | Transplanting..... | *7206 |
| Laryngoscope, electric..... | *7283 | Navigation, transatlantic..... | *7286 | Pump, hydraulic, Roux..... | *7081 | Spores, fern, vs. seeds..... | *7267 | Transport, military, by railway..... | *7256 |
| Lathe, shuffling..... | *7289 | Negatives, intensification of..... | *7152 | Pumping engines, colliery..... | *7166 | Springs, hot water for..... | *7382 | Trees, heights, to measure..... | *7219 |
| Laughing-gas, California..... | *7163 | Negatives, retouching..... | *7152 | Pumping engines, improved..... | *7166 | Squeezing machine..... | *7400 | Trellis, iron, at Zell..... | *7253 |
| Laughing-gas, Germany..... | *7163 | Nephritis (ferne)..... | *7142 | Pumping engines, Saratoga..... | *7435 | Stables, construction of..... | *7250 | Trematode, Rosell's..... | *7250 |
| Lead and silver, study of..... | *7475 | Nervous disease, hot water in..... | *7286 | Pyramids of Gizeh..... | *7143 | Stages, theater, movable..... | *7210 | Preparing apparatus for..... | *7080 |
| Lemon for malaria..... | *7317 | Neuralgia of stomach..... | *7127 | Pyramids of Merce..... | *7143 | Starch, determination of..... | *7120 | Tricycles and bicycles..... | *7127 |
| Leprosy and its dangers..... | *7289 | Nickel ore, Nevada..... | *7286 | Pyrites, calcined, analysis of..... | *7205 | Starch, formation in leaves..... | *7087 | Tubes, glass, to prevent cracking..... | *7157 |
| Leaves, starch formation in..... | *7087 | Nile, observatory at..... | *7473 | Pyrometer, Boulter's..... | *7104 | Starch grains, chemical nature..... | *7305 | Tug boat, wire rope..... | *7114 |
| Lice of animals..... | *7457 | Nile expedition..... | *7284, 7348 | Pyrometers..... | *7304 | Starch sugar, galls in..... | *7255 | Tunnel, Severn, railway..... | *7287 |
| Life insurance, econ. of expense..... | *7270 | Nile near Thebes..... | *7453 | Pyroxylin, gun cotton..... | *7180 | Stars, gaseous, constitution..... | *7479 | Tunnel, water, ancient..... | *7408 |
| Life insurance, management..... | *7286 | Niter, loss in manuf. sulph. acid..... | *7155 | Q | | Stave machine..... | *7144 | Turkey, house of..... | *7427 |
| Life on earth, origin..... | *7286 | Nitric acid, determination..... | *7254 | Quadrille of dominos..... | *7409 | Steam bell..... | *7212 | Turin Exhibition..... | *7219 |
| Light, electric, cost..... | *7282 | Nitro-glycerine in oil regions..... | *7483 | Quicksand, sinking through..... | *7408 | Steam brewing plant..... | *7150 | Twilight, observations on..... | *7271 |
| Light, electric, in cars..... | *7273 | O | | Rabies, Pasteur's researches on..... | *7272 | Steam colliery, Frostburg..... | *7210 | U | |
| Light, electric, in theatres..... | *7452 | Oak, phyloxera of..... | *7289 | Rabies, prevention of..... | *7481 | Steam, distribution in cities..... | *7167 | University, Strassburg..... | *7447 |
| Light of fire-flies..... | *7477 | Oak struck by lightning..... | *7249 | Race course, bicycle, Leipzig..... | *7147 | Steam engine, rotary..... | *7206 | V | |
| Light, electric, port of Brest..... | *7255 | Observatory at Nice..... | *7479 | Railroad ties, steel..... | *7218 | Steam engine, tandem..... | *7480 | Valve gear, Joy's..... | *7311 |
| Light, influence on yeast..... | *7459 | Oil and electric lights..... | *7285 | Railroad tie, steel..... | *7218 | Steam engine, traction..... | *7206 | Valve, globe, novel..... | *7306 |
| Light, safe, for dark room..... | *7287 | Oil, linseed, uses of..... | *7155 | Railway architecture..... | *7247 | Steam engine, traction..... | *7206 | Vaucheria, life history of..... | *7349 |
| Light, speech from..... | *7287 | Oil on the sea, effect..... | *7106 | Railway bridge, Cologne..... | *7240 | Steam engine, traction..... | *7206 | Vanilla, malady from..... | *7457 |
| Light, standard of..... | *7287 | Oil, nitro-glycerine in..... | *7155 | Railway bridge, Port..... | *7240 | Steel, cast, crucible..... | *7400 | Vapors of metals..... | *7480 |
| Light, unit of, new..... | *7241 | Oils, drying..... | *7155 | Railway bridge, lighting..... | *7218 | Steel chains without welding..... | *7111 | Vaseline paste, zinc..... | *7234 |
| Light, wave, theory of..... | *7448 | Oils, resin, manufacture..... | *7085 | Railway bridge, Wisconsin..... | *7218 | Steel, cold-chamber, punching on..... | *7210 | Vegetation, influ. light on..... | *7307 |
| Lights, oil and electric..... | *7282 | Oils, viscosity of..... | *7441 | Railway, electric, Brighton..... | *7271 | Steel, manganese..... | *7158 | Velocimeter, new..... | *7150 |
| Lighting, pneumatic..... | *7276 | Opium smoking..... | *7276 | Railway, electric, German..... | *7218 | Steel railroad ties..... | *7297 | Ventilation, popular fallacies..... | *7150 |
| Lighting, artificial..... | *7283 | Optical illusions..... | *7275 | Railway, electric, German..... | *7218 | Stoker, mechanical..... | *7297 | Vermilion manufacture..... | *7315 |
| Lighting, ball..... | *7283 | Optical researches..... | *7285 | Railway history, early..... | *7465 | Stills, Egrot's..... | *7153 | Vetter Pisan, voyage of..... | *7247 |
| Lighting conductors..... | *7089 | Orchestras, ladies..... | *7287 | Railway, Severn Tunnel..... | *7237 | Still, simple..... | *7158 | Viaduct, Doumergue..... | *7454 |
| Lighting flash, history of..... | *7281 | Ore dressing, electro-magnetic..... | *7261 | Railway, Superstition..... | *7237 | Stomach, muscular..... | *7210 | Viaduct, Salterhebble..... | *7079 |
| Lightning rods, resistance of..... | *7283 | Ores, deposition of..... | *7123 | Railways, drainage for..... | *7466 | Stone saw, Vialatte's..... | *7086 | Viaduct, Tardes, destruction..... | *7311 |
| Lignite, detection of..... | *7430 | Organ, the largest..... | *7302 | Railways, portable..... | *7116 | Stones, precious, imitation..... | *7406 | Viaduct, Wadliffel..... | *7465 |
| Lilies, all kinds..... | *7430 | Organic substances, series of..... | *7103 | Railways, street, electric..... | *7273 | Strawberries, ash of..... | *7470 | Village, St. Paul's..... | *7132 |
| Lipolic acid..... | *7155 | Ornament, evolution of..... | *7241 | Rain gauge, recording..... | *7362 | Straightening machine, power..... | *7206 | Villa at Dorking..... | *7230 |
| Lined, its botany and chemistry..... | *7154 | Ornament, geometric..... | *7241 | Raindrops, in the brain..... | *7213 | Straw, for making paper..... | *7173 | Violins, manufacture of..... | *7094 |
| Liquefaction of gases..... | *7163, 7186 | Ovens, coke, Hoffmann's..... | *7248 | Refractometer..... | *7213 | Street cars, New York..... | *7173 | Viscosity of oils..... | *7440 |
| Little, the infinitely..... | *7408 | Ox, house of the..... | *7437 | Refraction, experiment on..... | *7238 | Street railways, electric..... | *7210 | Voltaic constant..... | *7473 |
| Livistona australis..... | *7446 | Oxen, educated..... | *7249 | Refractory materials..... | *7197 | Submarine explorer..... | *7212 | Volume, laws of..... | *7200 |
| Livistona Hoogendorni..... | *7446 | P | | Relay, polarized, Ebel's..... | *7213 | Sugar, filter for..... | *7234 | W | |
| Lobelia, perennial..... | *7286 | Palm, Livistona..... | *7446 | Relin industry, France..... | *7084 | Sugar, formation of..... | *7142 | Wady Halfa..... | *7434 |
| Locomotive and car..... | *7440 | Palm, deconvative..... | *7082 | Retin and receiver..... | *7265 | Sugar, starch, galls in..... | *7304 | Wady Owatib, ruins of..... | *7435 |
| Locomotive driving wheels..... | *7149 | Palm, in small pots..... | *7143 | Retorts, forms of..... | *7335 | Sulphur, occurrence, and extract..... | *716 | Wall, the..... | *7413 |
| Locomotive, electric..... | *7408 | Papaver umbrosus..... | *7221 | Ribbons, arched, cast iron..... | *7468 | Sulphurous acid, preparation..... | *7339 | War ship Esmeralda..... | *7463 |
| Locomotive, history of..... | *7408 | Parachute hydraulic motor..... | *7221 | Rings of smoke..... | *7461 | Sulphuric acid, preparation..... | *7339 | War ship Rodney, launch of..... | *7400 |
| Locomotive, improvements of..... | *7167 | Parachute motor, Yagu's..... | *7221 | Roadstead at Havre..... | *7363 | Sulphur, occurrence, and extract..... | *716 | Washington "lifer"..... | *7082 |
| Locomotive practice, modern..... | *7208 | Parasites of domestic animals..... | *7241 | Rockets, locomotive..... | *7235 | Sulphur, occurrence, and extract..... | *716 | Watch stand, electric..... | *7274 |
| Locomotive slides, polishing..... | *7211 | Parasites of domestic fowls..... | *7241 | Rockets and minerals, useful..... | *7235 | Sulphur, occurrence, and extract..... | *716 | Water bell, Bourdon's..... | *7276 |
| Locust plague, Yucatan..... | *7174 | Park, Yellowstone..... | *7225 | Rogers, Robert E..... | *7319 | Sulphur, occurrence, and extract..... | *716 | Water clock, simple..... | *7409 |
| Lubricator, Muller's..... | *7403 | Paste, vaseline, zinc..... | *7224 | Rolling press, screw..... | *7267 | Sulphur, occurrence, and extract..... | *716 | Water, conducting, methods of..... | *7254 |
| Luciola radiata, luminous..... | *7403 | Pembury End, England..... | *7214 | Rolling press, screw..... | *7267 | Sulphur, occurrence, and extract..... | *716 | Water, congelation of..... | *7254 |
| Lumber chutes, California..... | *7403 | Pencil water wheel..... | *7214 | Rope, hay, machine for..... | *7132 | Sulphur, occurrence, and extract..... | *716 | Water distilling devices..... | *7256 |
| Lunarian, improved..... | *7130 | Peiton water wheel..... | *7214 | Rotary engine, improved..... | *7236 | Sulphur, occurrence, and extract..... | *716 | Water filter, reedle..... | *7257 |
| M | | | | | | | | | |
| Machine belting, electricity in..... | *7203 | Pendulum exper., Foucault's..... | *7139 | S | | Tachometer, new..... | *7358 | Water, flow of, in turbines..... | *7257 |
| Machine gun, Maxim..... | *7207 | Perpetual motion machine, 1812..... | *7457 | Sahara, geological structure..... | *7490 | Tachometer, new..... | *7358 | Water, hot, for sprains..... | *7282 |
| Magic rod..... | *7275 | Peoples, native of America..... | *7361 | Salmon eggs for New Zealand..... | *7094 | Tail, determination..... | *7486 | Water, hot, in nervous disease..... | *7282 |
| Magnetic balance, Hughes..... | *7275 | Perspectograph, Ritter's..... | *7190 | Sands, moving, Turkistan..... | *7066 | Tar, coal, distillation..... | *7404 | Water in milk, detection..... | *7088 |
| Magnetic measurements, app..... | *7169 | Petroleum, app. to examine..... | *7273 | Saw, iron, continuous..... | *7283 | Tattoo mark, removal of..... | *7481 | Water line apparatus..... | *7297 |
| Magnetic rotation..... | *7280 | Petroleum, app. to examine..... | *7273 | Saw, iron, continuous..... | *7283 | Teak wood, production..... | *7285 | Water main, breaking of..... | *7280 |
| Magnetism of the earth..... | *7280 | Petroleum wells..... | *7434 | Saw, iron, continuous..... | *7283 | Technical Education Inst..... | *7214 | Water meters..... | *7290 |
| Magnetism, researches on..... | *7282 | Phile..... | *7434 | Saw, iron, continuous..... | *7283 | Teak wood, production..... | *7285 | Water, motion of, manner of..... | *7165 |
| Magneto-electric telephone..... | *7282 | Phosphoric acid..... | *7471 | Saw, iron, continuous..... | *7283 | Teak wood, production..... | *7285 | Water pipe under Thames..... | *7402 |
| Magnetometer, Kohlrausch's..... | *7169 | Phosphor bronze..... | *7471 | Scales of carp, regeneration..... | *7306 | Teak wood, production..... | *7285 | Water pipes, wrought iron..... | *7354 |
| Malaria, production..... | *7315 | Phosphor copper..... | *7471 | Scarlet fever in Norway..... | *7108 | Teak wood, production..... | *7285 | Water power, high pres..... | *7247, 7254 |
| Maling, pneumatic..... | *7409 | Phosphor tin..... | *7471 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Waterproofing paper..... | *7280 |
| Maltose, preparation of..... | *7409 | Phosphoric acid from slags..... | *7219, 7288 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Water, purification of..... | *7230 |
| Man, antiquity of..... | *7408 | Photo-engraving apparatus..... | *7108 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Water, raising on Nile..... | *7436 |
| Man, antiquity of, in America..... | *7174 | Photography, faded, restoration..... | *7107 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Water, sat. with sulph. acid..... | *7448 |
| Man, prehistoric, in Egypt..... | *7174 | Photographs in ivory..... | *7097 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Water softener, Stanhope..... | *7443 |
| Mandoul..... | *7408 | Photography, instantaneous..... | *7214 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Water supply..... | *7403 |
| Manganese bronze..... | *7408 | Photographic gun, Fol's..... | *7214 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Water tunnel, ancient..... | *7403 |
| Manganese in iron..... | *7208 | Photographs, coloring..... | *7107 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Watt and horse power..... | *7426 |
| Manganese steel..... | *7158 | Photographs, faded, restoration..... | *7107 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Watts, Henry..... | *7108 |
| Mankind, upright attitude..... | *7140 | Photographs in ivory..... | *7097 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Wave ship, new..... | *7282 |
| Manure, farmyard, disease from..... | *7173 | Photography, instantaneous..... | *7214 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Wave theory of light..... | *7448 |
| Malaria, nature of..... | *7219 | Photos in ink..... | *7190 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Weights, combining, of elements..... | *7256 |
| Matter and gravity..... | *7093 | Phylloxera, destruction of..... | *7114 | Schools, natural science in..... | *7473 | Teak wood, production..... | *7285 | Whaler gig for the Nile..... | |

W. 7086
... 7080
... 7428
... 7436
... 7089
... 7083
... 7081
... 7080
... 7113
... 7451
... 7134
... 7114
... 7151
... 7082
... 7030
... 7045
... 7119
... 7086
... 7058
... 7219
... 7073
... 7280
... 7080
... 7127
... 7204
M. 7157
... 7114
... 7027
... 7403
... 7497
... 7319
... 7371

... 7447

... 7311
... 7166
... 7349
... 7157
... 7400
... 7434
... 7254
... 7397
... 7150
... 7156
... 7315
... 7347
... 7454
... 7079
... 7311
... 7467
... 7132
... 7130
... 7084
... 7440
... 7473
... 7309

... 7434
... 7437
... 7441
... 7463
... 7400
... 7082
... 7274
... 7276
... 7409
... 7384
... 7354
... 7338
... 7370
... 7357
... 7336
... 7382
... 7300
... 7088
... 7437
... 7350
... 7380
... 7165
... 7402
... 7354
47. 7264
... 7086
... 7330
... 7430
... 7458
... 7443
... 7164
... 7403
... 7430
... 7198
... 7232
... 7448
48. 7256
... 7348
... 7126
... 7192
... 7348
... 7248
... 7247
... 7248
... 7149
49. 7230
... 7317
... 7111
... 7112
... 7200
... 7114
... 7086
... 7454
... 7207
... 7286
... 7304
... 7292
... 7370
... 7170
... 7087

... 7085
... 7104
... 7484
... 7489
... 7225
V. ... 7143

... 7256
... 7080